

MOISTURE-CURABLE, POLYETHER URETHANES
WITH REACTIVE SILANE GROUPS AND THEIR USE
AS SEALANTS, ADHESIVES AND COATINGS

ABSTRACT OF THE DISCLOSURE

A moisture curable, alkoxy silane-functional polyether urethanes containing

- a) 20 to 90% by weight, of a polyether urethane containing two or more reactive silane groups and polyether segments having a number average molecular weight (Mn) of at least 3000 and a degree of unsaturation of less than 0.04 milliequivalents/g, where the sum of Mn of the polyether segments averages 6000 to 20,000, and the reactive silane groups are incorporated by reaction of an isocyanate-reactive group with a compound of formula



- b) 10 to 80% by weight, of a polyether urethane containing one reactive silane group and one or more polyether segments having Mn of 1000 to 15,000, where the reactive silane groups are incorporated by the reaction of an isocyanate group with a compound of formula

